

1 G G G C A C G A G G G C A T G G G G C G G C T G G T T C T G C T G T G G G A G PF466 SEQ 1
1 G G G C A T G G G G C G G C T G G T T C T G C T G T G G G A G PF466 SEQ 26
1 G G G C A T G G G G C G G C T G G T T C T G C T G T G G G A G PS079A SEQ 11
1 C G G C A C G A G G G C A T G G G G C G G C T G G T T C T G C T G T G G G A G PF466PP SEQ 1

41 C T G C C G T C T T T C T G C T G G G A G G C T G G A T G G C T T T G G G C A PF466 SEQ 1
33 C T G C C G T C T T T C T G C T G G G A G G C T G G A T G G C T T T G G G C A PF466 SEQ 26
33 C T G C C G T C T T T C T G C T G G G A G G C T G G A T G G C T T T G G G C A PS079A SEQ 11
41 C T G C C G T C T T T C T G C T G G G A G G C T G G A T G G C T T T G G G C A PF466PP SEQ 1

81 A G G A G G A G C A G C A G A A G G A G T A C A G A T T C A G A T C A T C T A C PF466 SEQ 1
73 A G G A G G A G C A G C A G A A G G A G T A C A G A T T C A A A T C A T C T A C PF466 SEQ 26
73 A G G A G G A G C A G C A G A A G G A G T A C A G A T T C A A A T C A T C T A C PS079A SEQ 11
81 A G G A G G A G C A G C A G A A G G A G T A C A G A T T C A G A T C A T C T A C PF466PP SEQ 1

121 T T C A A T T T A G A A A C C G T G C A G G T G A C A T G G A A T G C C A G C A PF466 SEQ 1
113 T T C A A T T T A G A A A C C G T G C A G G T G A C A T G G A A T G C C A G C A PF466 SEQ 26
113 T T C A A T T T A G A A A C C G T G C A G G T G A C A T G G A A T G C C A G C A PS079A SEQ 11
121 T T C A A T T T A G A A A C C G T G C A G G T G A C A T G G A A T G C C A G C A PF466PP SEQ 1

161 A A T A C T C C A G G A C C A A C C T G A C T T T C C A C T A C A G A T T C A A PF466 SEQ 1
153 A A T A C T C C A G G A C C A A C C T G A C T T T C C A C T A C A G A T T C A A PF466 SEQ 26
153 A A T A C T C C A G G A C C A A C C T G A C T T T C C A C T A C A G A T T C A A PS079A SEQ 11
161 A A T A C T C C A G G A C C A A C C T G A C T T T C C A C T A C A G A T T C A A PF466PP SEQ 1

201 C G G T G A T G A G G C C T A T G A C C A G T G C A C C A A C T A C C T T C T C PF466 SEQ 1
193 C G G T G A T G A G G C C T A T G A C C A G T G C A C C A A C T A C C T T C T C PF466 SEQ 26
193 C G G T G A T G A G G C C T A T G A C C A G T G C A C C A A C T A C C T T C T C PS079A SEQ 11
201 C G G T G A T G A G G C C T A T G A C C A G T G C A C C A A C T A C C T T C T C PF466PP SEQ 1

241 C A G G A A G G T C A C A C T T C G G G G T G C C T C C T A G A C G C A G A G C PF466 SEQ 1
233 C A G G A A G G T C A C A C T T C G G G G T G C C T C C T A G A C G C A A G C PF466 SEQ 26
233 C A G G A A G G T C A C A C T T C G G G G T G C C T C C T A G A C G C A A G C PS079A SEQ 11
241 C A G G A A G G T C A C A C T T C G G G G T G C C T C C T A G A C G C A G A G C PF466PP SEQ 1

281 A G C G A G A C G A C A T T C T C T A T T T C T C C A T C A G G A A T G G G A C PF466 SEQ 1
273 A G C G A G A C G A C A T T C T C T A T T T C T C C A T C A G G A A T G G G A C PF466 SEQ 26
273 A G C G A G A C G A C A T T C T C T A T T T C T C C A T C A G G A A T G G G A C PS079A SEQ 11
281 A G C G A G A C G A C A T T C T C T A T T T C T C C A T C A G G A A T G G G A C PF466PP SEQ 1

321 G C A C C C C G T T T T C A C C G C A A G T C G C T G G A T G G T T T A T T A C PF466 SEQ 1
313 G C A C C C C G T T T T C A C C G C A A G T C G C T G G A T G G T T T A T T A C PF466 SEQ 26
313 G C A C C C C G T T T T C A C C G C A A G T C G C T G G A T G G T T T A T T A C PS079A SEQ 11
321 G C A C C C C G T T T T C A C C G C A A G T C G C T G G A T G G T T T A T T A C PF466PP SEQ 1

361 C T G A A A C C C A G T T C C C G A A G C A C G T G A G A T T T T C G T G G C PF466 SEQ 1
353 C T G A A A C C C A G T T C C C G A A G C A C G T G A G A T T T T C G T G G C PF466 SEQ 26
353 C T G A A A C C C A G T T C C C G A A G C A C G T G A G A T T T T C G T G G C PS079A SEQ 11
361 C T G A A A C C C A G T T C C C G A A G C A C G T G A G A T T T T C G T G G C PF466PP SEQ 1

401 A T C A G G A T G C A G T G A C G G T G A C G T G T T C T - G A C C T G T C C T PF466 SEQ 1
392 A T C A G G A G A C G G T G A C G T G T T C G A C C T G T C C T PF466 SEQ 26
392 A T C A G G A G A C G G T G A C G T G T T C G A C C T G T C C T PS079A SEQ 11
401 A T C A G G A T G C A G T G A C G G T G A C G T G T T C T - G A C C T G T C C T PF466PP SEQ 1

440 A C G G G G A T C T C C T C T A T G A G G T T C A G T A C C G G A G C C C C T T PF466 SEQ 1
428 A C G G G G A T C T C C T C T A T G A G G T T C A G T A C C G G A G C C C C T T PF466 SEQ 26
428 A C G G G G A T C T C C T C T A T G A G G T T C A G T A C C G G A G C C C C T T PS079A SEQ 11
440 A C G G G G A T C T C C T C T A T G A G G T T C A G T A C C G G A G C C C C T T PF466PP SEQ 1

480 C G A C A C C G A G T G G C A G T C C A A A C A G G A A A A T A C C T G C A A C PF466 SEQ 1
468 C G A C A C C G A G T G G C A G T C C A A A C A G G A A A A T A C C T G C A A C PF466 SEQ 26
468 C G A C A C C G A G T G G C A G T C C A A A C A G G A A A A T A C C T G C A A C PS079A SEQ 11
480 C G A C A C C G A G T G G C A G T C C A A A C A G G A A A A T A C C T G C A A C PF466PP SEQ 1

520 G T C A C C A T A G A A G G C T T G G A T G C C G A G A A G T G T T A C T C T T PF466 SEQ 1
508 G T C A C C A T A G A A G G C T T G G A T G C C G A G A A G T G T T A C T C T T PF466 SEQ 26
508 G T C A C C A T A G A A G G C T T G G A T G C C G A G A A G T G T T A C T C T T PS079A SEQ 11
520 G T C A C C A T A G A A G G C T T G G A T G C C G A G A A G T G T T A C T C T T PF466PP SEQ 1

560 T C T G G G T C A G G G T G A A G G C T A T G G A G G A T G T A T A T G G G C C PF466 SEQ 1
548 T C T G G G T C A G G G T G A A G G C T A T G G A G G A T G T A T A T G G G C C PF466 SEQ 26
548 T C T G G G T C A G G G T G A A G G C T A T G G A G G A T G T A T A T G G G C C PS079A SEQ 11
560 T C T G G G T C A G G G T G A A G G C T A T G G A G G A T G T A T A T G G G C C PF466PP SEQ 1

600 A G A C A C A T A C C C A A G C G A C T G G T C A G A G G T G A C A T G C T G G PF466 SEQ 1
588 A G A C A C A T A C C C A A G C G A C T G G T C A G A G G T G A C A T G C T G G PF466 SEQ 26
588 A G A C A C A T A C C C A A G C G A C T G G T C A G A G G T G A C A T G C T G G PS079A SEQ 11
600 A G A C A C A T A C C C A A G C G A C T G G T C A G A G G T G A C A T G C T G G PF466PP SEQ 1

640 C A G A G A G G C G A G A T T C G G G A T G C C T G T G C A G A G A C A C C A A PF466 SEQ 1
628 C A G A G A G G C G A G A T T C G G G A T G C C T G T G C A G A G A C A C C A A PF466 SEQ 26
628 C A G A G A G G C G A G A T T C G G G A T G C C T G T G C A G A G A C A C C A A PS079A SEQ 11
640 C A G A G A G G C G A G A T T C G G G A T G C C T G T G C A G A G A C A C C A A PF466PP SEQ 1

680 C G C C T C C C A A A C C A A A G C T G T C C A A A T T T A T T T T A A T T T C PF466 SEQ 1
668 C G C C T C C C A A A C C A A A G C T G T C C A A A T T T A T T T T A A T T T C PF466 SEQ 26
668 C G C C T C C C A A A C C A A A G C T G T C C A A A T T T A T T T T A A T T T C PS079A SEQ 11
680 C G C C T C C C A A A C C A A A G C T G T C C A A A T T T A T T T T A A T T T C PF466PP SEQ 1

720 C A G C C T G G C C A T C C T T C T G A T G G T G T C T C T C C T C C T T C T G PF466 SEQ 1
708 C A G C C T G G C C A T C C T T C T G A T G G T G T C T C T C C T C C T T C T G PF466 SEQ 26
708 C A G C C T G G C C A T C C T T C T G A T G G T G T C T C T C C T C C T T C T G PS079A SEQ 11
720 C A G C C T G G C C A T C C T T C T G A T G G T G T C T C T C C T C C T T C T G PF466PP SEQ 1

760 T C T T T A T G G A A A T T A T G G A G A G T G A A G A A G T T T C T C A T T C PF466 SEQ 1
748 T C T T T A T G G A A A T T A T G G A G A G T G A A G A A G T T T C T C M M T C PF466 SEQ 26
748 T C T T T A T G G A A A T T A T G G A G A G T G A A G A A G T T T C T C M M T C PS079A SEQ 11
760 T C T T T A T G G A A A T T A T G G A G A G T G A A G A A G T T T C T C A T T C PF466PP SEQ 1

800 C C A G C G T G C C A G A C C C G A A A T C C A T C T T C C C C G G G C T C T T PF466 SEQ 1
788 C C A G C G T G C C A G A C C C G A A A T C C A T C T T C C C C G G G C T C T T PF466 SEQ 26
788 C C A G C G T G C C A G A C C C G A A A T C C A T C T T C C C C G G G C T C T T PS079A SEQ 11
800 C C A G C G T G C C A G A C C C G A A A T C C A T C T T C C C C G G G C T C T T PF466PP SEQ 1

840 T G A G A T A C A C C A A G G G A A C T T C C A G G A G T G G A T C A C A G A C PF466 SEQ 1
828 T G N A T A C A C C A A G G G A A C T T C C A G G A G T G G A T C A C A G A C PF466 SEQ 26
828 T G N A T A C A C C A A G G G A A C T T C C A G G A G T G G A T C A C A G A C PS079A SEQ 11
840 T G A G A T A C A C C A A G G G A A C T T C C A G G A G T G G A T C A C A G A C PF466PP SEQ 1

880 A C C C A G A A C G T G G C C C A C C T C C A C A A G A T G G C A G G T G C A G PF466 SEQ 1
868 A C C C A G A A C G T G G C C C A C C T C C A C A A G A T G G C A G G T G C A G PF466 SEQ 26
868 A C C C A G A A C G T G G C C C A C C T C C A C A A G A T G G C A G G T G C A G PS079A SEQ 11
880 A C C C A G A A C G T G G C C C A C C T C C A C A A G A T G G C A G G T G C A G PF466PP SEQ 1

920 A G C A A G A A A G T G G C C C C G A G G A G C C C C T G G T A G T C C A G T T PF466 SEQ 1
908 A G C A A G A A A G T G G C C C C G A G G A G C C C C T G G T A G T C C A G T T PF466 SEQ 26
908 A G C A A G A A A G T G G C C C C G A G G A G C C C C T G G T A G T C C A G T T PS079A SEQ 11
920 A G C A A G A A A G T G G C C C C G A G G A G C C C C T G G T A G T C C A G T T PF466PP SEQ 1

960 G G C C A A G A C T G A A G C C G A G T C T C C C A G G A T G C T G G A C C C A PF466 SEQ 1
948 G G C C A A G A C T G A A G C C G A G T C T C C C A G G A T G C T G G A C C C A PF466 SEQ 26
948 G G C C A A G A C T G A A G C C G A G T C T C C C A G G A T G C T G G A C C C A PS079A SEQ 11
960 G G C C A A G A C T G A A G C C G A G T C T C C C A G G A T G C T G G A C C C A PF466PP SEQ 1

1000 C A G A C C G A G G A G A A A G A G G C C T C T G G G G G A T C C C T C C A G C PF466 SEQ 1
988 C A G A C C G A G G A G A A A G A G G C C T C T G G G G G A T C C C T C C A G C PF466 SEQ 26
988 C A G A C C G A G G A G A A A G A G G C C T C T G G G G G A T C C C T C C A G C PS079A SEQ 11
1000 C A G A C C G A G G A G A A A G A G G C C T C T G G G G G A T C C C T C C A G C PF466PP SEQ 1

1040 T T C C C C A C C A G C C C C T C C A A G G C G G T G A T G T G G T C A C A A T PF466 SEQ 1
1028 T T C C C C A C C A G C C C C T C C A A G G C G G T G A T G T G G T C A C A A T PF466 SEQ 26
1028 T T C C C C A C C A G C C C C T C C A A G G C G G T G A T G T G G T C A C A A T PS079A SEQ 11
1040 T T C C C C A C C A G C C C C T C C A A G G C G G T G A T G T G G T C A C A A T PF466PP SEQ 1

1080 C G G G G G C T T C A C C T T T G T G A T G A A T G A C C G C T C C T A C G T G PF466 SEQ 1
1068 C G G G G G C T T C A C C T T T G T G A T G A A T G A C C G C T C C T A C G T G PF466 SEQ 26
1068 C G G G G G C T T C A C C T T T G T G A T G A A T G A C C G C T C C T A C G T G PS079A SEQ 11
1080 C G G G G G C T T C A C C T T T G T G A T G A A T G A C C G C T C C T A C G T G PF466PP SEQ 1

1120 G C G T T G T G A T G G A C A C A C C A C T G T C A A A G T C A A C G T C A G G PF466 SEQ 1
1108 G C G T T G T G A T G G A C A C A C C A C T G T C A A A G T C A A C G T C A G G PF466 SEQ 26
1108 G C G T T G T G A T G G A C A C A C C A C T G T C A A A G T C A A C G T C A G G PS079A SEQ 11
1120 G C G T T G T G A T G G A C A C A C C A C T G T C A A A G T C A A C G T C A G G PF466PP SEQ 1

1160 A T C C A C G T T G A C A T T T A A A G A C A G A G G G G A C T G T C C C G G G PF466 SEQ 1
1148 A T C C A C G T T G A C A T T T A A A G A C A G A G G G G A C T G T C C C G G G PF466 SEQ 26
1148 A T C C A C G T T G A C A T T T A A A G A C A G A G G G G A C T G T C C C G G G PS079A SEQ 11
1160 A T C C A C G T T G A C A T T T A A A G A C A G A G G G G A C T G T C C C G G G PF466PP SEQ 1

Decoration 'Decoration #1': Shade (with black at 90% fill) residues that differ from PF466
SEQ 1.